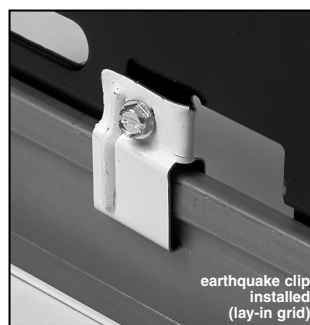
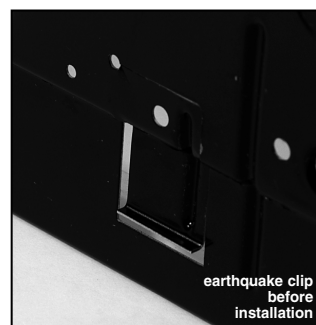
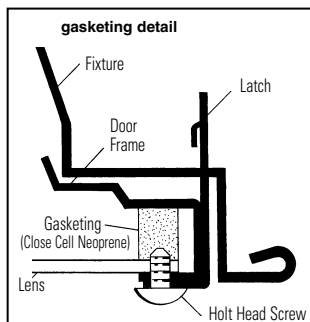
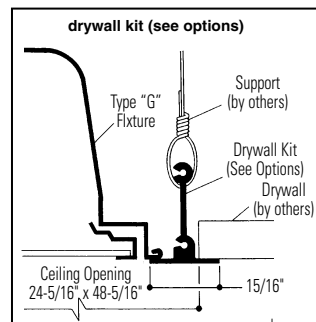
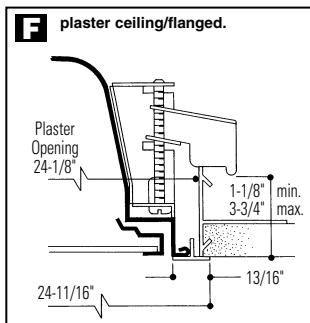
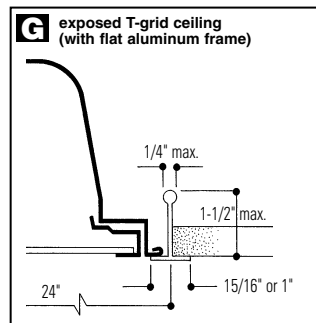


Features

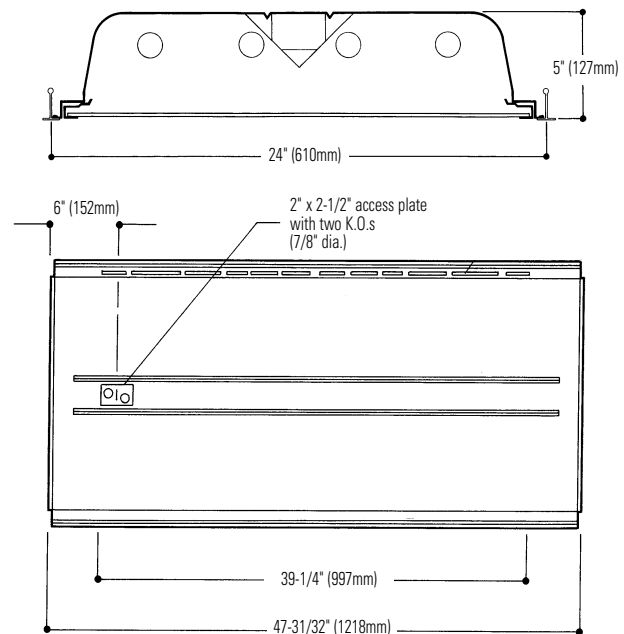
- Excellent for locations where vandal resistance is required.
- Prismatic lens is 3/16" thick pattern 12, minimum impact strength, 130 foot pounds.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens.
- Tamper resistant holt head screws secure lens to housing.
- 5" deep body.
- 74.4% efficient (T8).
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Spring loaded rooster head latches.
- 18 gauge steel hinges.



MOUNTING METHODS



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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Section 6A/Folio P20-52

LIGHTOLIER®



GUARDSMAN

GVS SERIES 2X4

Page 2 of 2

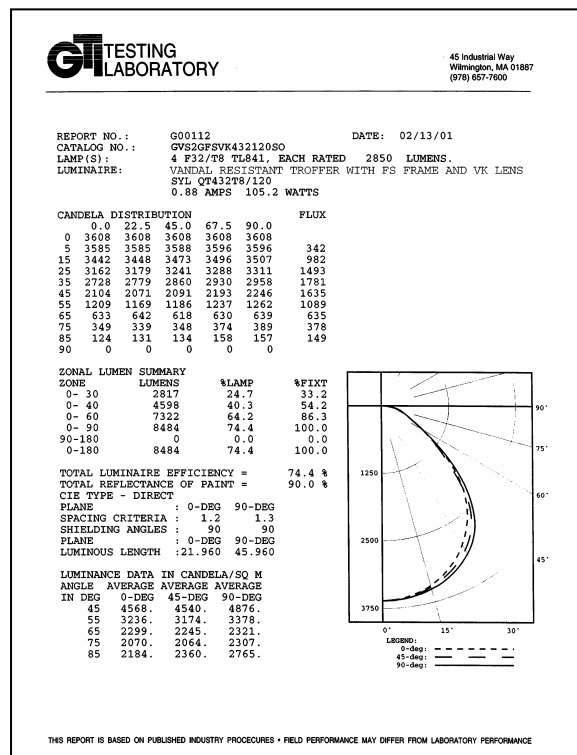
VANDAL RESISTANT, 2'x4' RECESSED FLUORESCENT, STATIC, 2, 3 OR 4 LAMP, T8 OR T12

PHOTOMETRY

MODEL NO. GVS2GFSVK432

LER = FL - 69.0 IW - 105 BF - 0.86

Comparative yearly lighting energy cost per 1000 lumens = \$3.48



coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

RF	20	20	20	20	20	20	20
RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	82	79	76	74	72	70	71
2	75	70	65	66	62	59	63
3	69	62	56	59	54	51	57
4	64	56	50	53	48	44	51
5	59	50	44	48	43	39	46
6	55	45	39	43	38	34	42
7	51	41	35	40	34	31	39
8	47	38	32	36	31	28	36
9	44	35	29	34	29	25	33
10	42	32	27	31	26	23	31

visual comfort probability (rated lumens per lamp 3150.)

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	63	67	74	79	62	66	73	78
20	30	56	60	65	70	54	59	64	69
20	40	52	55	60	64	49	53	59	63
20	60	49	52	55	59	45	49	53	58
30	20	63	68	73	78	63	67	72	77
30	30	56	60	64	69	54	59	64	68
30	40	51	55	58	62	49	53	57	61
30	60	48	51	53	57	44	48	51	55
30	80	46	49	50	54	42	45	48	52
40	20	65	69	74	78	64	69	73	77
40	30	57	61	65	68	55	60	64	68
40	40	52	55	59	62	50	53	57	61
40	60	48	51	53	56	45	48	51	55
40	80	46	49	49	53	43	45	47	51
40	100	46	48	48	50	42	44	45	48
60	30	57	61	65	69	57	61	65	68
60	40	52	55	58	62	51	54	58	61
60	60	48	51	52	56	46	48	51	54
60	80	46	48	49	52	43	45	46	50
60	100	46	47	47	49	42	43	44	47
100	40	55	58	60	64	54	57	60	63
100	60	51	52	53	57	49	51	52	56
100	80	48	50	50	53	46	47	48	51
100	100	47	48	47	50	44	45	45	47

ORDERING INFORMATION

Explanation of Catalog Number. Example: GVS2GFSVK43212004GLR

GV GUARDSMAN VANDAL RESISTANT	S STATIC	2 FIXTURE WIDTH	FS LENS FRAME: FS= Flat steel frame	VK LENS/SHIELDING TYPE: VK= High impact Prismatic lens (standard)	LAMP QUANTITY: 2=2 Lamp 3=3 Lamp 4=4 Lamp	LAMP/ FIXTURE LENGTH: 32=T8 34=T12 (Nominal 48")	VOLTAGE: 120 or 277	BALLAST TYPE: 1 & 2 Lamp Mag. T12 2-2 Lamp Mag. T12 1 & 2 Lamp Elec. T8 2-2 Lamp Elec. T8 1-3 Lamp Elec. T8 1-4 Lamp Elec. T8 LOL T8 Dimming *Instant Start Standard Other dimming options. Consult factory.	OPTIONS: Add appropriate suffix to catalog no., ie: (GLR) S0* H1* S0* H1* O3* H3* O4* H4* PS
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OPTIONS & ACCESSORIES

SCREWDRIVER: For holt head screw. Order Catalog Number **LP156737**.**PLASTER FRAME:** Catalog Number **PF24**.**CONTINUOUS ROW INSTALLATION:** For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: **S2FCTRIM** (each joint).**RADIO INTERFERENCE FILTER:** 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: **RF**.**FUSING:** Internal fast-blow fusing. SUFFIX: **GLR**.Internal slow-blow fusing. SUFFIX: **GMF**.**ELECTRICAL/WIRING OPTIONS:** Consult factory.**DRYWALL KIT:** Order Catalog Number: **FK92X4**.

(Request Folio OA30-10).

CHICAGO PLENUM: SUFFIX: **CP**.

SPECIFICATIONS

PERFORMANCE: In an installation of 4 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .79. To prevent glare the VCP shall be not less than 46 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2321 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 66.8%.

SPECIFICATIONS (continued)

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel.

Housing with side rails hemmed over and housing ends turned-in for safe handling.

FINISH: Chassis exterior—black baked polyester enamel. **Cavity**—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

LENS: (VK) prismatic lens is 3/16" thick pattern 12, minimum impact strength, 130 foot pounds.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.**LABELS:** I.B.E.W./UL and C-UL.

Job Information

Type:

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